



Generic Turbine specifications for 300W to 30KW turbines

300W turbine

300W

| | |
|---|--------------------------------------|
| Power | 300W |
| Blade Diameter(m) | 2 |
| Rated Rotated Speed(r/m) | 400 |
| Rated Wind Speed(m/s) | 8 |
| Rated Power(W) | 300 |
| Max Power(W) | 450 |
| Output Voltage(V) | 24 |
| Start Up Wind Speed(m/s) | 300W |
| Operating Wind Speed(m/s) | 3-25 |
| Security Wind Speed(m/s) | 40 |
| Height of Tower(m) | 6 |
| Weight of Top Section(kg) | 30 |
| Controller Parameter | 24V40AH |
| Inverter Parameter | DC24V-user's local voltage&frequency |
| Tower Pole Type(mm) | 60*3 |
| 20 container(sets) | 96 |
| 40 container(sets) | 192 |
| Capacity and Quantity of Battery(reference) | 12V100AH |
| Can Supply Power For | TV, lighting, electric fan, charger |
| | |



600W turbine

600W

| | |
|---|--|
| Power | 600W |
| Blade Diameter(m) | 2.8 |
| Rated Rotated Speed(r/m) | 400 |
| Rated Wind Speed(m/s) | 8 |
| Rated Power (W) | 600 |
| Max Power(W) | 900 |
| Output Voltage(V) | 24 |
| Start Up Wind Speed(m/s) | 3 |
| Operating Wind Speed(m/s) | 3-25 |
| Security Wind Speed(m/s) | 40 |
| Height of Tower(m) | 6 |
| Weight of Top Section(kg) | 60 |
| Controller Parameter | 24V40A |
| Inverter Parameter | DC24V-user's local voltage&frequency |
| Tower Pole Type(mm) | 75*4 |
| 20 container(sets) | 72 |
| 40 container(sets) | 144 |
| Capacity and Quantity of Battery(reference) | 12V150AH2pcs |
| Can Supply Power For | ice box, washer, waterpump, tv, lighting, electric fan, charger |



1KW turbine

1KW

| | |
|---|---|
| Power | 1000W |
| Blade Diameter(m) | 3 |
| Rated Rotated Speed(r/m) | 400 |
| Rated Wind Speed(m/s) | 8 |
| Rated Power (W) | 1000 |
| Max Power (W) | 1500 |
| Output Voltage (V) | 48 |
| Start Up Wind Speed(m/s) | 3 |
| Operating Wind Speed(m/s) | 3-25 |
| Security Wind Speed(m/s) | 40 |
| Height of Tower(m) | 6 |
| Weight of Top Section(kg) | 83 |
| Controller Parameter | 48V60A |
| Inverter Parameter | DC48V-user's local voltage&frequency |
| Tower Pole Type(mm) | 75*4 |
| 20 container(sets) | 60 |
| 40 container(sets) | 112 |
| Capacity and Quantity of Battery(reference) | 12V150AH4pcs |
| Can Supply Power For | ice box, washer, waterpump, tv, lighting, electric fan, charger |
| | |



2KW turbine

2KW

| | |
|---|--|
| Power | 2000W |
| Blade Diameter(m) | 4 |
| Rated Rotated Speed(r/m) | 400 |
| Rated Wind Speed(m/s) | 8 |
| Rated Power(W) | 2000 |
| Max Power(W) | 3000 |
| Output Voltage(V) | 96 |
| Start Up Wind Speed(m/s) | 3 |
| Operating Wind Speed(m/s) | 3-25 |
| Security Wind Speed(m/s) | 40 |
| Height of Tower(m) | 6 |
| Weight of Top Section(kg) | 95 |
| Controller Parameter | 96V 60A |
| Inverter Parameter | DC96V-user's local voltage&frequency |
| Tower Pole Type(mm) | 89*4 |
| 20 container(sets) | 48 |
| 40 container(sets) | 96 |
| Capacity and Quantity of Battery(reference) | 12V100AH8pcs |
| Can Supply Power For | ice box, washer, waterpump, tv, lighting, electric fan, charger |



3KW turbine

3KW

| | |
|---|---|
| Power | 3KW |
| Blade Diameter(m) | 5 |
| Rated Rotated Speed(r/m) | 220 |
| Rated Wind Speed(m/s) | 9 |
| Rated Power (W) | 3000 |
| Max Power (W) | 4500 |
| Output Voltage(V) | 220 |
| Start Up Wind Speed(m/s) | 3 |
| Operating Wind Speed(m/s) | 3-25 |
| Security Wind Speed(m/s) | 40 |
| Height of Tower(m) | 8 |
| Weight of Top Section(kg) | 110 |
| Controller Parameter | 220V 60A |
| Inverter Parameter | DC220V-user's local voltage&frequency |
| Tower Pole Type(mm) | 133*5 |
| 20 container(sets) | 20 |
| 40 container(sets) | 38 |
| Capacity and Quantity of Battery(reference) | 12V100AH18pcs |
| Can Supply Power For | ice box, washer, waterpump, tv, lighting, electric fan, charger, air condition |



5KW turbine

5KW

| | |
|--|---|
| Power | 5KW |
| Blade Diameter (m) | 6 |
| Rated Rotated Speed (r/m) | 220 |
| Rated Wind Speed (m/s) | 9 |
| Rated Power (W) | 5000 |
| Max Power (W) | 7000 |
| Output Voltage (V) | 220 |
| Start Up Wind Speed (m/s) | 3 |
| Operating Wind Speed (m/s) | 3-25 |
| Security Wind Speed (m/s) | 40 |
| Height of Tower (m) | 8 |
| Weight of Top Section (kg) | 120 |
| Controller Parameter | 220V 60A |
| Inverter Parameter | DC220V-user's local voltage&frequency |
| Tower Pole Type (mm) | 159*5 |
| 20 container (sets) | 15 |
| 40 container (sets) | 26 |
| Capacity and Quantity of Battery (reference) | 12V100AH18pcs |
| Can Supply Power For | ice box, washer, waterpump, tv, lighting, electric fan, charger, air condition |
| | |



10KW turbine

| Parameter | |
|----------------------------|---------------------------------------|
| Rated power(W) | 10000 |
| Rated voltage(DCV) | 240 |
| Rated current(DCA) | 42 |
| Rotor diameter(m) | 8.0 |
| Blade material | GFRP |
| Rotation direction | Clockwise |
| Start-up wind speed(m/s) | 2.5 |
| Rated wind speed(m/s) | 10 |
| Cut-out wind speed(m/s) | 16 |
| Survival wind speed(m/s) | 45 |
| Net weight(T) | 1.0 |
| Wind turbine type | Upwind |
| Rated Rotating speed(RPM) | 180 |
| Blades No. | 3 |
| Hydraulic tower height (m) | 12 |
| Yaw mechanism | Electrical |
| Annual yield(kwh) | 24000 |
| Yaw mode | Auto/manual |
| Efficiency | 0.85 |
| Wind turbine tilt-angle | 6° |
| Protection mode | -Yaw -Hydraulic brake -Dumpload |

- Blades (3 pieces)
- Hub (1 piece)
- Nose cone (1 piece)
- Anemometer/dogvane (1 piece each, non-integrated)
- Generator (1 piece)
- Hydraulic tower (3 sections)
- Electrical hydraulic pump (1 set)
- Cylinder (1 set)
- Dumploader (1 piece)
- Controller (1 set)
- Off-grid inverter (1 set)
- Tower accessories (1 set)
- Cable from generator to controller(30 cores: 20m, 3 cores: 20m)



20KW turbine

| Parameter | |
|----------------------------|---------------------------------------|
| Rated power(W) | 20000 |
| Rated voltage(DCV) | 240 |
| Rated current(DCA) | 56 |
| Rotor diameter(m) | 10.0 |
| Blade material | GFRP |
| Rotation direction | Counterclockwise |
| Start-up wind speed(m/s) | 2.5 |
| Rated wind speed(m/s) | 12 |
| Cut-out wind speed(m/s) | 20 |
| Survival wind speed(m/s) | 45 |
| Net weight(T) | 1.1 |
| Wind turbine type | Upwind |
| Rated Rotating speed(RPM) | 90 |
| Blades No. | 3 |
| Hydraulic tower height (m) | 18 |
| Yaw mechanism | Electrical |
| Annual yield(kwh) | 48000 |
| Yaw mode | Auto/manual |
| Efficiency | 0.85 |
| Wind turbine tilt-angle | 6° |
| Protection mode | -Yaw -Hydraulic brake -Dumpload |

- Blades (3 pieces)
- Hub (1 piece)
- Nose cone (1 piece)
- Anemometer/dogvane (1 piece each , non-integrated)
- Generator (1 piece)
- Hydraulic tower (3 sections)
- Electrical hydraulic pump (1 set)
- Cylinder (1 set)
- Dumploader (1 piece)
- Controller (1 set)
- Off-grid inverter (1 set)
- Tower accessories (1 set)
- Cable from generator to controller(30 cores: 24m, 3 cores: 24m)



30KW turbine

| Parameter | |
|----------------------------|---------------------------------------|
| Rated power(W) | 30000 |
| Rated voltage(DCV) | 240 |
| Rated current(DCA) | 83 |
| Rotor diameter(m) | 12.0 |
| Blade material | GFRP |
| Rotation direction | Counterclockwise |
| Start-up wind speed(m/s) | 2.5 |
| Rated wind speed(m/s) | 12.5 |
| Cut-out wind speed(m/s) | 20 |
| Survival wind speed(m/s) | 45 |
| Net weight(T) | 1.1 |
| Wind turbine type | Upwind |
| Rated Rotating speed(RPM) | 75 |
| Blades No. | 3 |
| Hydraulic tower height (m) | 18 |
| Yaw mechanism | Electrical |
| Annual yield(kwh) | 70000 |
| Yaw mode | Auto/manual |
| Efficiency | 0.85 |
| Wind turbine tilt-angle | 6° |
| Protection mode | -Yaw -Hydraulic brake -Dumpload |

- Blades (3 pieces)
- Hub (1 piece)
- Nose cone (1 piece)
- Anemometer/dogvane (1 piece each, non-integrated)
- Generator (1 piece)
- Hydraulic tower (3 sections)
- Electrical hydraulic pump (1 set)
- Cylinder (1 set)
- Dumper (1 piece)
- Controller (1 set)
- Off-grid inverter (1 set)
- Tower accessories (1 set)
- Cable from generator to controller(30 cores: 24m, 3 cores: 24m)





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